

FORM PTO-1390 (REV 10-94)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY'S DOCKET NUMBER 1184-6 LAM
<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>09/254333</b>	
INTERNATIONAL APPLICATION NO. PCT/DE97/01956	INTERNATIONAL FILING DATE 5 September 1997 (05.09.97)	PRIORITY DATE CLAIMED 05 September 1996 (05.09.96)	
TITLE OF INVENTION "METHOD AND APPARATUS FOR DETERMINING THE PHASE AND/OR AMPLITUDE INFORMATION OF AN ELECTROMAGNETIC WAVE"			
APPLICANT(S) FOR DO/EO/US RUDOLF SCHWARTE			
<p>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing 35 U.S.C. 371.</li> <li>3. <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).</li> <li>4. <input checked="" type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been transmitted by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)</li> </ul> </li> <li>6. <input checked="" type="checkbox"/> A literal translation of the International Application into English (35 U.S.C. 371(c)(2)).</li> <li>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau).</li> <li>b. <input type="checkbox"/> have been transmitted by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ul> </li> <li>8. <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li>10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol> <p>Items 11. to 16. below concern other document(s) or information included:</p> <ol style="list-style-type: none"> <li>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input checked="" type="checkbox"/> A <b>FIRST</b> preliminary amendment. <input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment.</li> <li>14. <input type="checkbox"/> A substitute specification.</li> <li>15. <input type="checkbox"/> A change of power of attorney and/or address letter.</li> <li>16. <input checked="" type="checkbox"/> Other items or information: a. <input type="checkbox"/> Return Receipt Postcard</li> </ol>			

## NATIONAL CHAPTER - US

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)	INTERNATIONAL APPLICATION NO. PCT/EP96/05143	ATTORNEY'S DOCKET NO. 250-99 (LAM)		
17. <input checked="" type="checkbox"/> The following fees are submitted:		CALCULATIONS		
<b>Basic National Fee (37 CFR 1.492(a)(1)-(5)):</b> Search Report has been prepared by the EPO or JPO .....\$840.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) .....\$670.00 No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2)) .....\$760.00 Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO .....\$ 970.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4) .....\$ 96.00		PTO USE ONLY		
<b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>		\$ 840		
Surcharge of \$130.00 for furnishing the oath or declaration later than <u>20</u> <u>30</u> months from the earliest claimed priority date (37 CFR 1.492(e)).		\$		
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	
Total Claims	34 - 20 - 14	14	x \$ 18.00	\$ 252
Independent Claims	3 - 3 - 0	0	x \$ 78.00	\$
Multiple dependent claim(s) (if applicable)			+ \$260.00	\$ 260
		<b>TOTAL OF ABOVE CALCULATIONS =</b>	\$ 1352	
Reduction by 1/2 for filing by small entity, if applicable. Verified Small Entity Statement must also be filed. (Note 37 CFR 1.9, 1.27, 1.28).		\$		
		<b>SUBTOTAL =</b>	\$ 1352	
Processing fee of \$130. for furnishing the English translation later than <u>20</u> <u>30</u> months from the earliest claimed priority date (37 CFR 1.492(f)).		+ \$		
		<b>TOTAL NATIONAL FEE =</b>	\$ 1352	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property		+ \$		
		<b>TOTAL FEES ENCLOSED =</b>	\$	
		Amount to be: refunded	\$	
		charged	\$ 1352	
a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed. b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>02-0460</u> in the amount of \$ <u>1352</u> to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>02-0460</u> . A duplicate copy of this sheet is enclosed.				
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.				
SEND ALL CORRESPONDENCE TO: LAWRENCE A. MAXHAM BAKER & MAXHAM, 750 "B" Street, Suite 3100 San Diego, CA 92101				
 LAWRENCE A. MAXHAM, Reg. No. 24,483 BAKER & MAXHAM				

09/254333

300 REC'D PCTATO 04 FEB 1999

**IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

**CONCERNING A FILING UNDER 35 U.S.C. 371**

In re

Applicant : RUDOLF SCHWARTE  
U.S. Application No. : (Unknown)  
International Application No. : PCT/DE97/01956  
International Filing Date : 5 September 1997 (05.09.97)  
For : METHOD AND APPARATUS FOR DETERMINING THE PHASE AND/OR AMPLITUDE INFORMATION OF AN ELECTROMAGNETIC WAVE  
Priority Data : DE 196 35 932.5  
: Filed: 5 September 1996 (5.09.96)  
: DE 197 04 496.4  
: Filed: 7 February 1997 (7.02.97)  
Our Attorney/Docket Reference : 1184-6 LAM

**EXPRESS MAIL LETTER**

Assistant Commissioner for Patents  
Box PCT  
Attn: DO/EO/US  
Washington, D.C. 20231

The below items are enclosed with this letter for filing the above-identified National application:

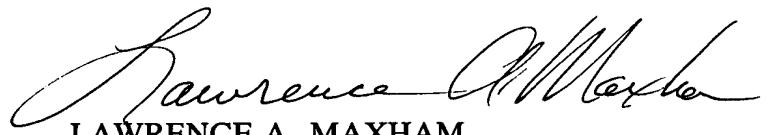
1. Express Mail Certification;
2. Transmittal Letter to the U.S. Designated/Elected Office (2 pages);
3. Combined Declaration for Patent Application & Power of Attorney ( 2 pages);
4. Application, including Description (39 pages), Claims (9 pages), and Drawing (14 sheets);
5. International Preliminary Examination Report (PCT/IPEA/409) (4 pages);
6. Preliminary Amendment with Abstract page (2 pages);
7. Return Receipt Postcard

page 2 of 2.

The serial number of the Express Mail certificate is EL300175787US, mailed on 4 March 1999.

Respectfully Submitted,

RUDOLF SCHWARTE



LAWRENCE A. MAXHAM  
Registration No. 24,483

LAM:mc  
Enclosures